



# **Section D**

## ***Advanced Reactor Transition***

### **PROJECT MANAGERS**

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## INTRODUCTION

The Advanced Reactor Transition (ART) Program, PBS RL-RC03, Work Breakdown Structure (WBS) 3.1.3, consists of the Nuclear Energy (NE) Legacies and the 309 Building/Plutonium Recycle Test Reactor (PRTR) activities.

NOTE: Unless otherwise noted, all information contained herein is as of the end of August 2002.

## NOTABLE ACCOMPLISHMENTS

**NE Legacies Deactivation** — The Department of Transportation exemption for shipping the 337B cold trap crystallizer and economizer to an offsite treatment center has been received. Field work was completed on modifications to the 3718-M tank to prepare it for residue removal (insertion of dip tubes and routing of process piping to building wall). A Request for Proposal for outside contractors to clean the 3718-M and Composite Reactor Component Test Activity (CRCTA) tanks has been sent out; several companies have expressed interest. Design and methods development for preparing the CRCTA tank is in progress.

## BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

No breakthroughs or opportunities for improvement are identified at this time.

## UPCOMING ACTIVITIES

**Shutdown the 309 Building** — To minimize Surveillance and Maintenance (S&M) costs while aligning with the 300 Area Accelerated Closure Plan the building will be secured to minimize intrusion, pending resumption of deactivation activities in 2009.

**NE Legacies Deactivation** — Place a contract for cleaning sodium residue from 3718M and CRCTA tanks.

## MILESTONE ACHIEVEMENT FH Contract Milestones

There are no ART Milestones.

## PERFORMANCE OBJECTIVES

Nothing to report at this time.

## FY 2002 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES FY TO DATE STATUS – (\$000)

		FYTD								
By PBS		BCWS	BCWP	ACWP	SV	%	CV	%	BAC	
PBS RL-RC03	Advanced Reactors Transition									
WBS 3.1.3.1	NE Legacy Facilities Transition	\$ 1,297	\$ 1,297	\$ 866	\$ -	0%	\$ 431	33%	\$ 1,467	
WBS 3.1.3.2	PRTR/309 Building Transition	\$ 200	\$ 312	\$ 163	\$ 112	56%	149	48%	\$ 221	
WBS 3.1.3.3	ART Project Management	\$ 177	\$ 177	\$ 129	\$ -	0%	\$ 48	27%	\$ 188	
Total		\$ 1,674	\$ 1,786	\$ 1,158	\$ 112	7%	\$ 628	35%	\$ 1,876	

### FY TO DATE SCHEDULE / COST PERFORMANCE

The \$0.11 million (7 percent) favorable schedule variance was due to greater than planned progress this fiscal year on the 309 Building transition to shutdown activities.

The \$0.63 million (35 percent) favorable cost variance is primarily due to better than planned progress in the NE Legacies sodium loop deactivation work and 309 Building surveillance activities.

Note: For all active sub-PBSs and TTPs associated with the Operations/Field Office, FYTD Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

### Schedule Variance Analysis: (+ \$0.11M)

#### Advanced Reactor Transition — 3.1.3/RC03

**Description/Cause:** The favorable schedule variance is primarily due to better than planned progress this fiscal year on the 309 Building transition to shutdown activities.

**Impact:** There is no significant project impact at this time.

**Corrective Action:** None required.

### Cost Variance Analysis: (+ \$0.63M)

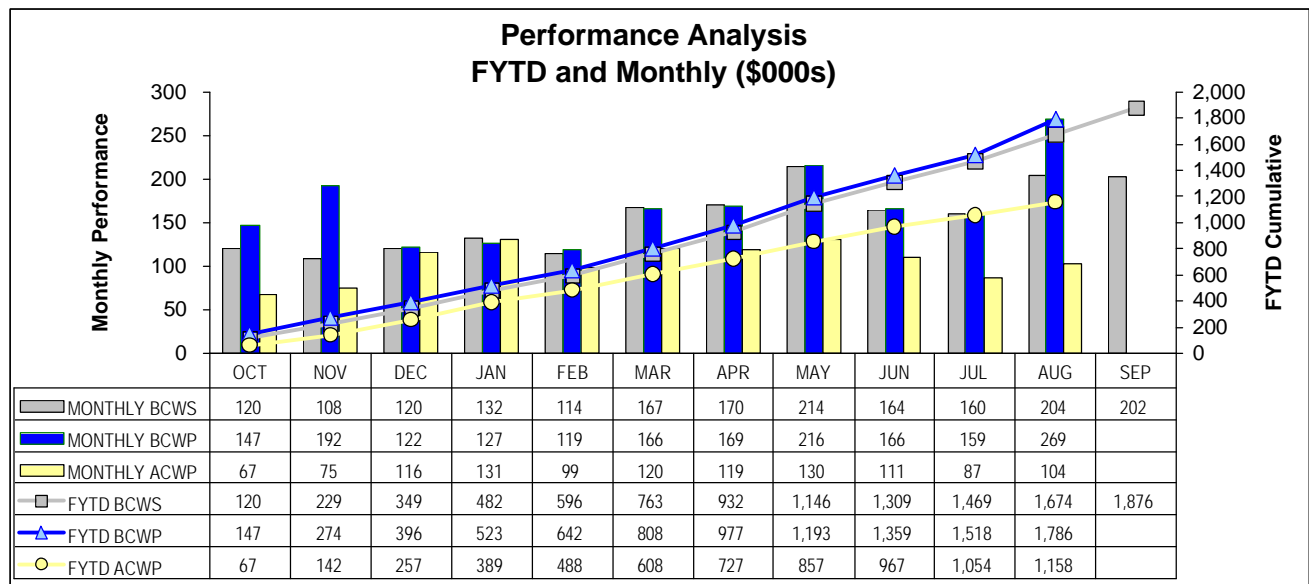
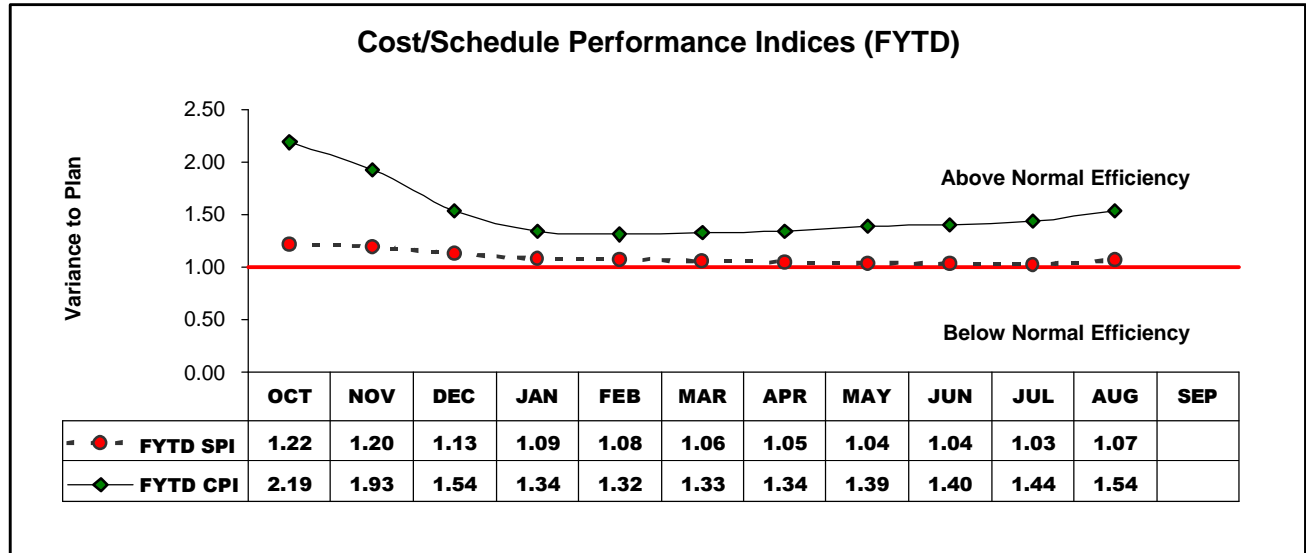
#### Advanced Reactor Transition — 3.1.3/RC03

**Description/Cause:** The favorable cost variance is primarily due to performing the NE Legacies sodium loop deactivation work and 309 Building surveillance activities for less than planned.

**Impact:** There is no significant project impact at this time.

**Corrective Action:** None required.

## COST / SCHEDULE PERFORMANCE (MONTHLY AND FYTD)



## FUNDS MANAGEMENT

### FYTD FUNDS VS SPENDING FORECAST (\$000)

	FH Funds Reallocation	FYSF	Variance
<b>3.1.3 Advanced Reactor Transition</b>			
<b>RC03 - EM (Other Funding)</b>	<b>\$ 2,373</b>	<b>\$ 1,332</b>	<b>\$ 1,041</b>
<b>Total</b>	<b>\$ 2,373</b>	<b>\$ 1,332</b>	<b>\$ 1,041</b>

NOTES: FH reallocation reflects an FYSF adjusted for scope deletions, deferrals, and identified savings to address funding shortfalls, additional unplanned scope, and cost increases.

## ISSUES

### Technical, Regulatory, External, and DOE Issues and DOE Requests

**Issue:** Nothing to report at this time.

**Impacts:** None.

**Corrective Action:** None at this time.

## BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

None to report.